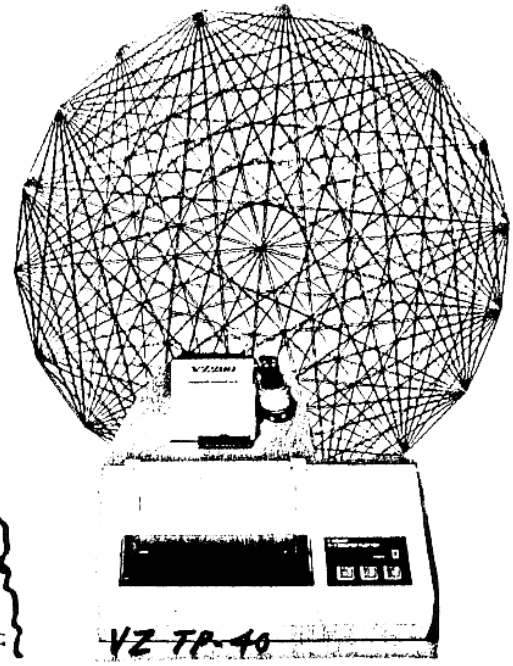


GOTTA PLOTTER???

VEEZED PROGRAMS

1 TAPE 1
2 DATABASE (ORIGINAL)
3 DATABASE (BOOKMARK)
4 MICRO DATA
5 V2-CUP (ORIGINAL)
6 V2 CUP (REVISED)
7 MICRO MAIL
8 MICRO MAIL
9 -
PAGE 2
10 TAPE 2
11 MICRO MORSE
12 MICRO MORSE
13 RATTLESNAKE
14 CRAPS 1
15 CRAPS 2 (FAST)
16 -
17 -
18 -
19 -

On our last visit to a Dick Smith store the boss said that the VeeZed Plotter was to be withdrawn from their catalogue. One wonders is this is the first indication that there will be no more VeeZeds. Some time ago we bought a TOYO TP40 Plotter from DSE as it was said to be better than the VeeZed one, and although normally more expensive, DSE was selling them at the same price to clear their stock. The TOYO appears to be the same as the VeeZed except that the DIP switches are more easily accessible. The problem could be, that if DSE stop marketing plotters then it may become, in time, difficult to obtain pens and rolls of paper. It will be a great pity if the plotters are withdrawn as it is a very, very useful and versatile addition to the Vee-Zed. It is particularly useful when used as a printer with such programs as MICRODATA. We list programs and club members using the 80-character setting. The print size is small but quite legible. It will print in both UPPER and LOWER case and behaves just like a printer. If you haven't got one, and can afford one (plus the Printer Interface it would cost about $168.50), we can thoroughly recommend it. We are looking at a BIORHYTHM program for MICRO MAGIC that produces a Certificate which suggests a stall in the local flea market.

QUERIES WELCOME.

MICRO MAGIC
13, Brookes Street,
BIGGENDEN. Qld. 4621.

LEAP YEAR OR NON-LEAP YEAR.

```
10 LY$="LEAP YEAR":INPUT"YEAR";Y
20 IFY/4<>INT(Y/4)THENLY$="NON-LEAP YEAR":GOTO40
30 IFY/100=INT(Y/100)ANDY<>INT(Y/400)THENLY$="NON-LEAP YEAR"
40 PRINTLY$:GOTO10
```

SELF-DESTRUCT.

```
0 REM
10 CLS:PRINT@75,"MICRO MAGIC"
20 FORI=1TO1000:NEXT
30 POKE31469,187
40 RUN
```

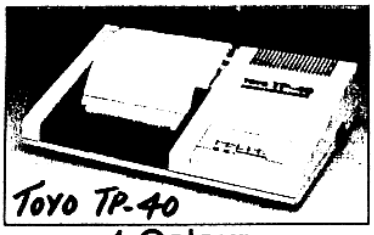
187 is the TOKEN for NEW so when it is POKED into 31469 it changes REM to NEW so when line 40 is RUN the program is wiped out.

SOME PLOTTER PROGRAMS.

...use them to show off!!

If you want to make your Plotter draw the design at the top of this Studio Ad Lib, then use the following program. You select the number of points in the design.....

```
10 LPRINTCHR$(18):LPRINT"C4"
20 PI=3.1416
30 LPRINT"M220,-300";LPRINT"I"
40 INPUT"NUMBER OF POINTS";N
50 DIMA(N):DIMB(N)
60 FORT=0TO(2*PI-.001)STEP(2*PI/N)
70 Z=Z+1
80 A(Z)=COS(T)*200+22
90 B(Z)=SIN(T)*200+22
100 NEXT
110 FORS=1TON-1
120 LPRINT"M";A(S);",";B(S)
130 FORD=S+1TON
140 LPRINT"D";A(S);",";B(S)
150 LPRINT"D";A(D);",";B(D)
160 NEXT
170 NEXT
180 LPRINT"A"
```



4 Colour Printer/Plotter

And just for good measure...

```
10 CLS
20 LPRINTCHR$(18)
30 LPRINT"M220,-350"
40 PRINT"PLOTTER"
50 PRINT:PRINT
60 PRINT"DO YOU WISH TO PRINT A SERIES"
70 PRINT"OF PATTERNS (Y/N)";Q$
80 IFQ$="Y"THEN120
90 PRINT
100 INPUT"PICK A NUMBER (1-200);Y
110 S=99:GOTO150
120 INPUT"HOW MANY PATTERNS (1-200)";N
130 N=260/N
140 FORY=20TO280STEPN
150 LPRINT"C";RND(4)-1
160 LPRINT"I"
170 FORJ=0TO10000STEPY
180 A=J/57.2958
190 B=SIN(A)*J/50
200 C=COS(A)*J/50
210 LPRINT"D";C;",";B
220 NEXT
230 LPRINT"H":LPRINT"M0,-450
240 IFS=99THEN260
250 NEXT
260 LPRINT"C0,A"
```

ALPHABETICAL ORDER SORTING.

```
10 CLS:DIMA$(100):INPUT"HOW MANY WORDS";A:CLS
20 FORI=1TOA:PRINT"WORD"I;:INPUTA$(I):NEXT
30 X=0
40 X=X+1
50 IFX>ATHEN50
60 IFA$(X)="ZZ"THEN40
70 FORY=1TOA
80 IFA$(Y)<Z$(X)THENX=Y
90 NEXT
100 PRINTA(X):SOUND23,2
110 A$(X)="ZZ"
120 GOTO30
```

UNDERLINE ON GP-100

```
10 LPRINT"MICRO MAGIC";:LPRINTCHR$(20)
20 FORA=1TO11:LPRINTCHR$(95);:NEXT
```

OVERPRINT ON GP-100.

```
10 LPRINT"MICRO MAGIC";:LPRINTCHR$(20)
20 LPRINT"MICRO MAGIC";:LPRINT
```

REVERSED REMS.

Put your remarks in INVERSE by preceding them with Quotation Marks:

```
10 REM"WIN OR LOSE
```

or

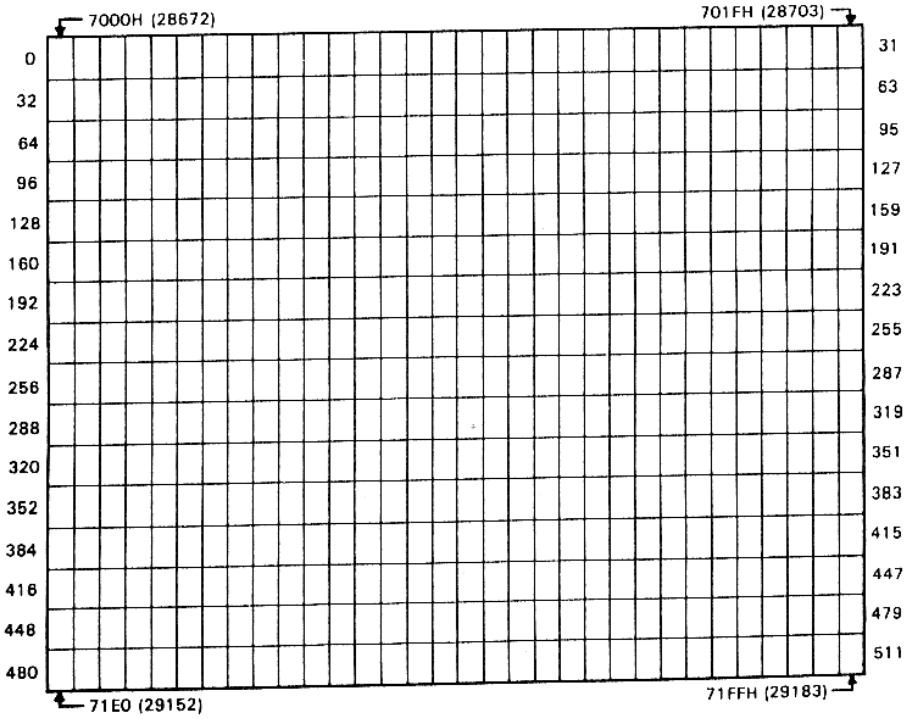
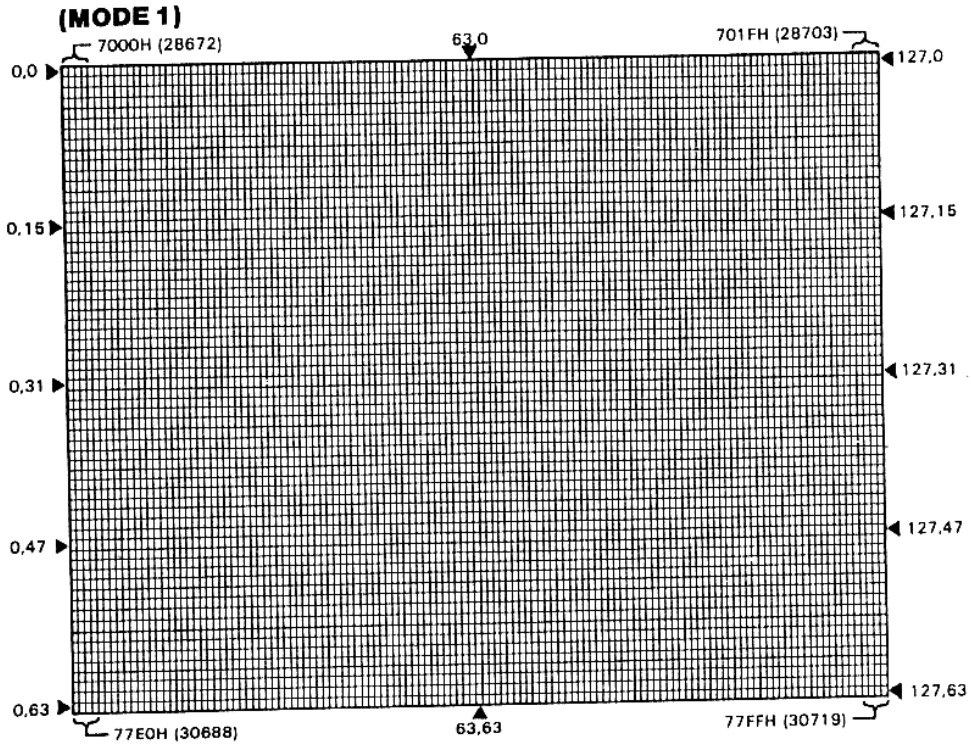
```
10 '"WIN OR LOSE
```

underlined characters in INVERSE.

Micro Magic

VZ-200 VIDEO DISPLAY WORKSHEET

(MODE 0)



(MODE 1)